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PTO/SB05 (10-00)  
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Office; U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 19]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 7]
5. Oath and Declaration [Total Pages 1]
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)
    - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

Attorney Docket No. 1787-12300  
First Inventor Klaus Joachim Zanker  
Title Detection of Liquid in Gas Pipeline  
Express Mail Label No. EV 041361936 US

ADDRESS TO: Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement of Power of Attorney (when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Nonpublication Request under 35, U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:  
☐ Continuation ☐ Divisional ☒ Continuation-in-Part (CIP)  
Examiner D. Larkin

Prior application information:  
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 18. CORRESPONDENCE ADDRESS

☒ Customer Number of Bar Code Label 23505 or ☐ Correspondence address below

Name  
Address  
City State Zip Code  
Country Telephone Fax

Name (Print/Type) ROBERT GRAY Registration No. (Attorney/Agent) 41,798  
Signature [Signature] Date January 4, 2001

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**FEE TRANSMITTAL  
For FY 2002**

Patent fees are subject to annual revision.

**Complete if Known**

|                      |                      |
|----------------------|----------------------|
| Application Number   |                      |
| Filing Date          |                      |
| First Named Inventor | Klaus Joachim Zanker |
| Examiner Name        |                      |
| Group Art Unit       |                      |
| Attorney Docket No.  | 1787-12300           |

**TOTAL AMOUNT OF PAYMENT**

\$ 1,190.00

**METHOD OF PAYMENT**

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:  
Deposit Account Number: 03-2769  
Deposit Account Name: Conley, Rose & Tayon, P.C.  
☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  
☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:  
☐ Check ☐ Credit Card ☐ Money Order ☐ Other

**FEE CALCULATION****1. BASIC FILING FEE**

| Large Entity  |               | Small Entity  |               | Fee Description        | Fee Paid |
|---------------|---------------|---------------|---------------|------------------------|----------|
| Fee Code (\$) | Fee Code (\$) | Fee Code (\$) | Fee Code (\$) |                        |          |
| 101           | 740           | 201           | 370           | Utility filing fee     | \$740.00 |
| 106           | 330           | 206           | 165           | Design filing fee      | \$       |
| 107           | 510           | 207           | 255           | Plant filing fee       | \$       |
| 108           | 740           | 208           | 370           | Reissue filing fee     | \$       |
| 114           | 160           | 214           | 80            | Provisional filing fee | \$       |

**SUBTOTAL (1) \$740.00****2. EXTRA CLAIM FEES**

|                    |    | Extra Claims |        | Fee from below |   | Fee Paid |  |
|--------------------|----|--------------|--------|----------------|---|----------|--|
| Total Claims       | 31 | - 20**       | = 11 x | 18.00          | = | \$198.00 |  |
| Independent Claims | 6  | 3**          | = 3 x  | 84.00          | = | \$252.00 |  |
| Multiple Dependent |    |              |        | 280.00         | = | \$ 00.00 |  |

| Large Entity  |               | Small Entity  |               | Fee Description  | Fee Paid |
|---------------|---------------|---------------|---------------|--|----------|
| Fee Code (\$) | Fee Code (\$) | Fee Code (\$) | Fee Code (\$) |  |          |
| 103           | 18            | 203           | 9             | Claims in excess of 20                                     |          |
| 102           | 84            | 202           | 42            | Independent Claims in excess of 3                          |          |
| 104           | 280           | 204           | 140           | Multiple dependent claim, if not paid                      |          |
| 109           | 84            | 209           | 42            | ** Reissue independent claims over original patent         |          |
| 110           | 18            | 210           | 9             | ** Reissue claims in excess of 20 and over original patent |          |

**SUBTOTAL (2) \$450.00**

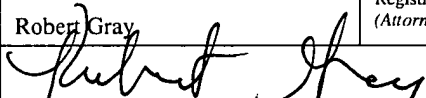
\*\* or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

| Large Entity        |               | Small Entity  |               | Fee Description  | Fee Paid |
|---------------------|---------------|---------------|---------------|--|----------|
| Fee Code (\$)       | Fee Code (\$) | Fee Code (\$) | Fee Code (\$) |  |          |
| 105                 | 130           | 205           | 65            | Surcharge - late filing fee or oath  | \$       |
| 127                 | 50            | 227           | 25            | Surcharge - late provisional filing fee or cover sheet                     | \$       |
| 139                 | 130           | 139           | 130           | Non-English specification  | \$       |
| 147                 | 2,520         | 147           | 2,520         | For filing a request for <i>ex parte</i> reexamination                     | \$       |
| 112                 | 920*          | 112           | 920*          | Requesting publication of SIR prior to Examiner action                     | \$       |
| 113                 | 1,840*        | 113           | 1,840*        | Requesting publication of SIR after Examiner action                        | \$       |
| 115                 | 110           | 215           | 55            | Extension for reply within first month                                     | \$       |
| 116                 | 400           | 216           | 200           | Extension for reply within second month                                    | \$       |
| 117                 | 920           | 217           | 460           | Extension for reply within third month                                     | \$       |
| 118                 | 1,440         | 218           | 720           | Extension for reply within fourth month                                    | \$       |
| 128                 | 1,960         | 228           | 980           | Extension for reply within fifth month                                     | \$       |
| 119                 | 320           | 219           | 160           | Notice of Appeal   | \$       |
| 120                 | 320           | 220           | 160           | Filing a brief in support of an appeal                                     | \$       |
| 121                 | 280           | 221           | 140           | Request for oral hearing   | \$       |
| 138                 | 1,510         | 138           | 1,510         | Petition to institute a public use proceeding                              | \$       |
| 140                 | 110           | 240           | 55            | Petition to revive - unavoidable   | \$       |
| 141                 | 1,280         | 241           | 640           | Petition to revive - unintentional   | \$       |
| 142                 | 1,280         | 242           | 640           | Utility issue fee (or reissue)   | \$       |
| 143                 | 460           | 243           | 230           | Design issue fee   | \$       |
| 144                 | 620           | 244           | 310           | Plant issue fee  | \$       |
| 122                 | 130           | 122           | 130           | Petitions to the Commissioner  | \$       |
| 123                 | 50            | 123           | 50            | Petitions related to provisional applications                              | \$       |
| 126                 | 180           | 126           | 180           | Submission of Information Disclosure Stmt                                  | \$       |
| 581                 | 40            | 581           | 40            | Recording each patent assignment per property (times number of properties) | \$       |
| 146                 | 740           | 246           | 370           | Filing a submission after final rejection (37 CFR § 1.129(a))              | \$       |
| 149                 | 740           | 249           | 370           | For each additional invention to be examined (37 CFR § 1.129(b))           | \$       |
| 179                 | 740           | 279           | 370           | Request for Continued Examination (RCE)                                    | \$       |
| 169                 | 900           | 169           | 900           | Request for expedited examination of a design application                  | \$       |
| Other fee (specify) |               |               |               |  | \$       |

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) \$ 0.00****SUBMITTED BY****Complete (if applicable)**

|                   |   |                                   |                 |           |                |
|-------------------|---|-----------------------------------|-----------------|-----------|----------------|
| Name (Print/Type) | Robert Gray   | Registration No. (Attorney/Agent) | 41,798          | Telephone | (713) 238-8000 |
| Signature         |  | Date                              | January 4, 2001 |           |                |

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